

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
14876

Total Pages in this Submission
4

APR 05 2002

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

DIALOG PROCESSING METHOD AND APPARATUS FOR UNINHABITED AIR VEHICLES

COPY OF PAPERS
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and invented by:

STEPHEN FRANCIS BUSH

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 16 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Microfiche Appendix (if applicable)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if drawings filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 5
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy.

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL-913-702-228-US

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Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

Assignee: Lockheed Martin Corporation
Bethesda, Maryland 20817

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	16	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$740.00

- ☒ A check in the amount of \$740.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013 SSMP as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Signature

Paul J. Esatto, Jr.
Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

Dated: December 11, 2001

cc:

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OFFICE OF PETITIONS

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): STEPHEN FRANCIS BUSH			Docket No. 14876
Serial No. unassigned	Filing Date herewith	Examiner unassigned	Group Art Unit unassigned
Invention: DIALOG PROCESSING METHOD AND APPARATUS FOR UNINHABITED AIR VEHICLE			
			COPY OF PAPERS ORIGINALLY FILED
I hereby certify that the following correspondence:			
<div>NEW APPLICATION</div> <p>(Identify type of correspondence)</p>			
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>December 11, 2001</u> (Date)			
<div>Michelle Mustafa</div> <p>(Typed or Printed Name of Person Mailing Correspondence)</p>			
<div></div> <p>(Signature of Person Mailing Correspondence)</p>			
<div>EL-913-702-228-US</div> <p>("Express Mail" Mailing Label Number)</p>			
Note: Each paper must have its own certificate of mailing.			
<div>RECEIVED MAY 02 2002 OFFICE OF PETITIONS</div>			



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/015,025	12/11/2001	Stephen Francis Bush	14876

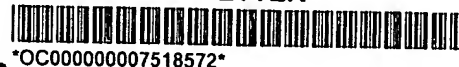
Paul J. Esatto, Jr.
Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, NY 11530



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CONFIRMATION NO. 6341

FORMALITIES LETTER



OC000000007518572

Date Mailed: 02/22/2002

NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Figure(s) 5 described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must** be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date **must** be filed within **TWO MONTHS** of the date of this Notice.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (*i.e.*, the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabelled drawing figures, is required. Any drawing changes should be accompanied by a copy of the drawing figures showing the proposed changes in red ink. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

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A copy of this notice MUST be returned with the reply.

Alia Mishri

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



M.M.
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03100. \$
#3
PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: STEPHEN FRANCIS BUSH

Examiner: unassigned

Serial No.: 10/015,025

Art Unit: 2681

Filed: December 11, 2001

Docket: 14876

For: DIALOG PROCESSING METHOD
AND APPARATUS FOR
UNINHABITED AIR VEHICLES

Dated: March 26, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir:

In response to the Notice to File Corrected Application Papers dated February 22, 2002, Applicant is enclosing herewith, substitute drawing sheets and a Petition regarding Figure 5 of the specification pursuant to 37 C.F.R. 1.181.

Any additional charges required in connection with this submission may be charged to Deposit Account No. 19-1013/SSMP. A duplicate sheet of this sheet is enclosed.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on March 26, 2002.

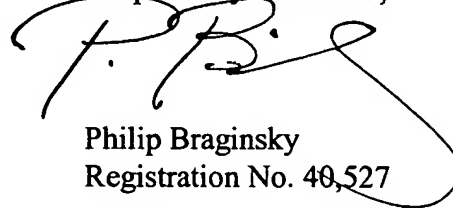
Dated: March 26, 2002


Michelle Mustafa

This submission is believed to be timely and in compliance with 37

C.F.R. §1.84. A copy of the Notice to File Corrected Application Papers is enclosed as required.

Respectfully submitted,



Philip Braginsky
Registration No. 40,527

Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343
PB:eg

PATENT OFFICE DATE STAMP WILL ACKNOWLEDGE RECEIPT OF:

1. Utility Patent Application Transmittal (in duplicate)
2. New Patent Application (12 pages of specification, 3 of claims & 1 abstract)
3. Executed Declaration & Power of Attorney
4. Five (5) sheets of drawings
5. Two (2) Recordal cover sheets & 2 Executed Assignment
6. 3 checks, one in the amount of \$740 and two in the amount of \$40.00
7. Express certificate of mailing label #EL-913-702-228-US dated December 11, 2001

Applicant: Stephen Francis Bush

For: DIALOG PROCESSING METHOD AND APPARATUS FOR
UNINHABITED AIR VEHICLES

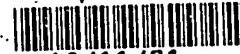
Docket: 14876

Dated: December 11, 2001

PJE:eg

jc879 U.S. PTO

10/015025



12/11/01

16 longer spec

12 spec

3 - spec

1 spec

16 -

NEW PATENT APPLICATION CHECKLIST

YES	NO	DOCUMENT	COMMENTS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Specification to include claims and abstract If non-English spec, don't forget fee.	
<input type="checkbox"/>	<input type="checkbox"/>	New Patent Application Transmittal Sheet in duplicate If Multiple Claims, be sure to check box.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Certificate of Express Mail	EL-913-702-228-45
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drawings - Formal or Informal - MUST HAVE LABELS ON BACK	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Executed Declaration and Power of Attorney If no Declaration being sent - must list all inventors on transmittal sheet.	
<input type="checkbox"/>	<input type="checkbox"/>	Executed Assignment with Recordal Cover Sheet	
<input type="checkbox"/>	<input type="checkbox"/>	Claim of Priority	
<input type="checkbox"/>	<input type="checkbox"/>	Small Entity? Need verified statement claiming so.	
<input type="checkbox"/>	<input type="checkbox"/>	Associate Power of Attorney	
<input type="checkbox"/>	<input type="checkbox"/>	Information Disclosure Statement with copies of cited references	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check or Deposit Account Authorization	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Postcard	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dispatch Sheet	